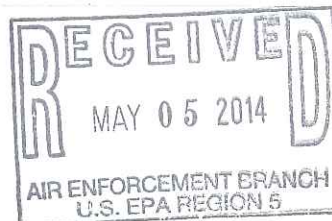




General Iron Industries, Inc.

1909 N. CLIFTON AVENUE • CHICAGO, IL 60614-4803 • 773-327-9600 • FAX 773-327-8732



April 29, 2014

EPA, Region 5

Air Enforcement and Compliance Assurance Branch

Attn: Compliance Tracker, AE-17J

77 W. Jackson Boulevard

Chicago, IL 60604

Re: General Iron Industries, Inc. – Chicago, IL

To Whom It May Concern:

In accordance with the terms of Administrative Consent Order (ACO) EPA-5-12-113(a)-IL-04 issued to General Iron Industries, Inc. (General Iron) on June 29, 2012, the following Calendar Quarterly Report is being provided for the quarterly period ending on March 31, 2013 as required by paragraph 35 of the ACO.

1. **Performance of pollution control system:** During the quarterly period ending on March 31, 2014 the shredder pollution control system, including water suppression system, cyclone and Filter System, operated at all times that the General Iron shredder was in operation.
2. **Exceedances of emission limits and/or regulations:** During the quarterly period ending on March 31, 2014, there were no known exceedances of emission limits or regulations associated with the General Iron shredder.
3. **List and description of all air emission complaints received that can reasonably be attributed to General Iron:** During the quarterly period ending on March 31, 2014, there were no complaints received that can reasonably be attributed to General Iron.
4. **Results of each emissions observation:** In accordance with paragraph 32 of the ACO, visible emission observations were performed while the shredder was operating at a process rate in excess of 315 tons per hour. Results of the visible emission observations conducted during the quarterly period ending March 31, 2014, along with the estimated shredder process rate at the time of the observations, are enclosed in Attachment A.

April 29, 2014

Page 2

In accordance with paragraph 33 of the ACO, fugitive particulate matter emission observations were performed while the shredder was operating at a process rate in excess of 315 tons per hour. Results of the fugitive particulate matter emission observations conducted during the quarterly period ending March 31, 2014, along with the estimated shredder process rate at the time of the observations are enclosed in Attachment B.

5. **Update of all permit activity required by Paragraph 36 of the ACO:** Previous discussions with the Illinois EPA indicate that the Federally Enforceable State Operating Permit (FESOP) application for the referenced facility still remains under review.

If you have any questions or if you require any additional information, please feel free to call me at (847) 508-9170.

Sincerely,

A handwritten signature in black ink, appearing to read 'JK' with a stylized flourish extending to the right.

Jim Kallas

Attachment A

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)			
Method 9	203A	203B	Other: _____

Company Name General Iron Industries, Inc.		
Facility Name Same		
Street Address 1909 N. Clifton Avenue		
City Chicago	State IL	Zip 60614

Process Metal Shredding	Unit # 	Operating Mode Shredding
Control Equipment Emission Control System	Operating Mode On	

Describe Emission Point Top of shredder enclosure	
Height of Emiss. Pt. Start 60 ft. End 60 ft.	Height of Emiss. Pt. Rel. to Observer Start 60 ft. End 60 ft.
Distance to Emiss. Pt. Start 250 ft. End 250 ft.	Direction to Emiss. Pt. (Degrees) Start 320 End 320

Vertical Angle to Obs. Pt. Start 15 End 15	Direction to Obs. Pt. (Degrees) Start 350 End 350
Distance and Direction to Observation Point from Emission Point Start 100 Ft. EAST End 100 Ft. EAST	

Describe Emissions Start STEAM End STEAM	
Emission Color Start WHITE End WHITE	Water Droplet Plume Attached <input checked="" type="checkbox"/> Detached <input type="checkbox"/> None <input type="checkbox"/>

Describe Plume Background Start SKY/CLOUDS End SKY/CLOUDS	
Background Color Start BLUE/WHIT End BLUE/WHIT	Sky Conditions Start MSTLY SUN End MSTLY SUN
Wind Speed Start 6 End 6	Wind Direction Start W End W
Ambient Temp. Start 6 End 6	Wet Bulb Temp.
	RH Percent 73

Source Layout Sketch		Draw North Arrow <input type="checkbox"/> TN <input type="checkbox"/> MN
Longitude -87.659167 Latitude 41.916111 Declination 		FEET FEET Side View Stack With Plume Sun Wind

Additional Information	

Form Number	Page	Of
Continued on VEO Form Number		

Observation Date 1/23/14	Time Zone CST	Start Time 10:53 AM	End Time 11:23 AM		
Sec Min	0	15	30	45	Comments
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2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
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26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print) Jim Kallas	
Observer's Signature 	Date 1/23/14
Organization General Iron Industries, Inc.	
Certified By Whitlow Enterprises LLC	Date 9/5/13

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)			
Method 9	203A	203B	Other: _____

Company Name General Iron Industries, Inc.		
Facility Name Same		
Street Address 1909 N. Clifton Avenue		
City Chicago	State IL	Zip 60614

Process Metal Shredding	Unit # 	Operating Mode Shredding
Control Equipment Emission Control System		Operating Mode On

Describe Emission Point Top of shredder enclosure	
Height of Emiss. Pt. Start 60 ft. End 60 ft.	Height of Emiss. Pt. Rel. to Observer Start 60 ft. End 60 ft.
Distance to Emiss. Pt. Start 250 ft. End 250 ft.	Direction to Emiss. Pt. (Degrees) Start 320 End 320

Vertical Angle to Obs. Pt. Start 15 End 15	Direction to Obs. Pt. (Degrees) Start 350 End 350
Distance and Direction to Observation Point from Emission Point Start 100ft. EAST End 100ft. EAST	

Describe Emissions STEAM		End STEAM	
Emission Color Start WHITE End WHITE	Water Droplet Plume Attached <input checked="" type="checkbox"/> Detached <input type="checkbox"/> None <input type="checkbox"/>		

Describe Plume Background Start SKY End SKY		Sky Conditions Start CLEAR End CLEAR	
Background Color Start BLUE End BLUE	Wind Speed Start 2 End 2	Wind Direction Start W End W	Wet Bulb Temp. Start 41 End 41
		RH Percent 58	

Source Layout Sketch		Draw North Arrow <input type="checkbox"/> TN <input type="checkbox"/> MN	
Longitude -87.659167	Latitude 41.916111	Declination 	

Additional Information	

Form Number	Page	Of
Continued on VEO Form Number		

Observation Date		Time Zone		Start Time	End Time
2/19/14		CST		10:24 AM	10:54 AM
Sec Min	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
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26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print) Jim Kallas	
Observer's Signature 	Date 2/19/14
Organization General Iron Industries, Inc.	
Certified By Whitlow Enterprises LLC	Date 9/5/13

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)			
Method 9	203A	203B	Other: _____

Company Name General Iron Industries, Inc.		
Facility Name Same		
Street Address 1909 N. Clifton Avenue		
City Chicago	State IL	Zip 60614

Process Metal Shredding	Unit # 	Operating Mode Shredding
Control Equipment Emission Control System	Operating Mode On	

Describe Emission Point Top of shredder enclosure	
Height of Emiss. Pt. Start 60 ft. End 60 ft.	Height of Emiss. Pt. Rel. to Observer Start 60 ft. End 60 ft.
Distance to Emiss. Pt. Start 250 ft. End 250 ft.	Direction to Emiss. Pt. (Degrees) Start 320 End 320

Vertical Angle to Obs. Pt. Start 15 End 15	Direction to Obs. Pt. (Degrees) Start 350 End 350
Distance and Direction to Observation Point from Emission Point Start 120 FT. ESE End 120 FT. ESE	

Describe Emissions Start STEAM End STEAM	
Emission Color Start WHITE End WHITE	Water Droplet Plume Attached <input checked="" type="checkbox"/> Detached <input type="checkbox"/> None <input type="checkbox"/>

Describe Plume Background Start SKY/CLOUDS End SKY/CLOUDS	
Background Color Start BLUE/WH End BLUE/WH	Sky Conditions Start MTLY SUN End MTLY SUN
Wind Speed Start 8 End 8	Wind Direction Start WNW End WNW
Ambient Temp. Start 25 End 25	Wet Bulb Temp. RH Percent 45

Source Layout Sketch		Draw North Arrow <input type="checkbox"/> TN <input type="checkbox"/> MN
Longitude -87.659167	Latitude 41.916111	Declination

Additional Information	

Form Number	Page	Of
Continued on VEO Form Number		

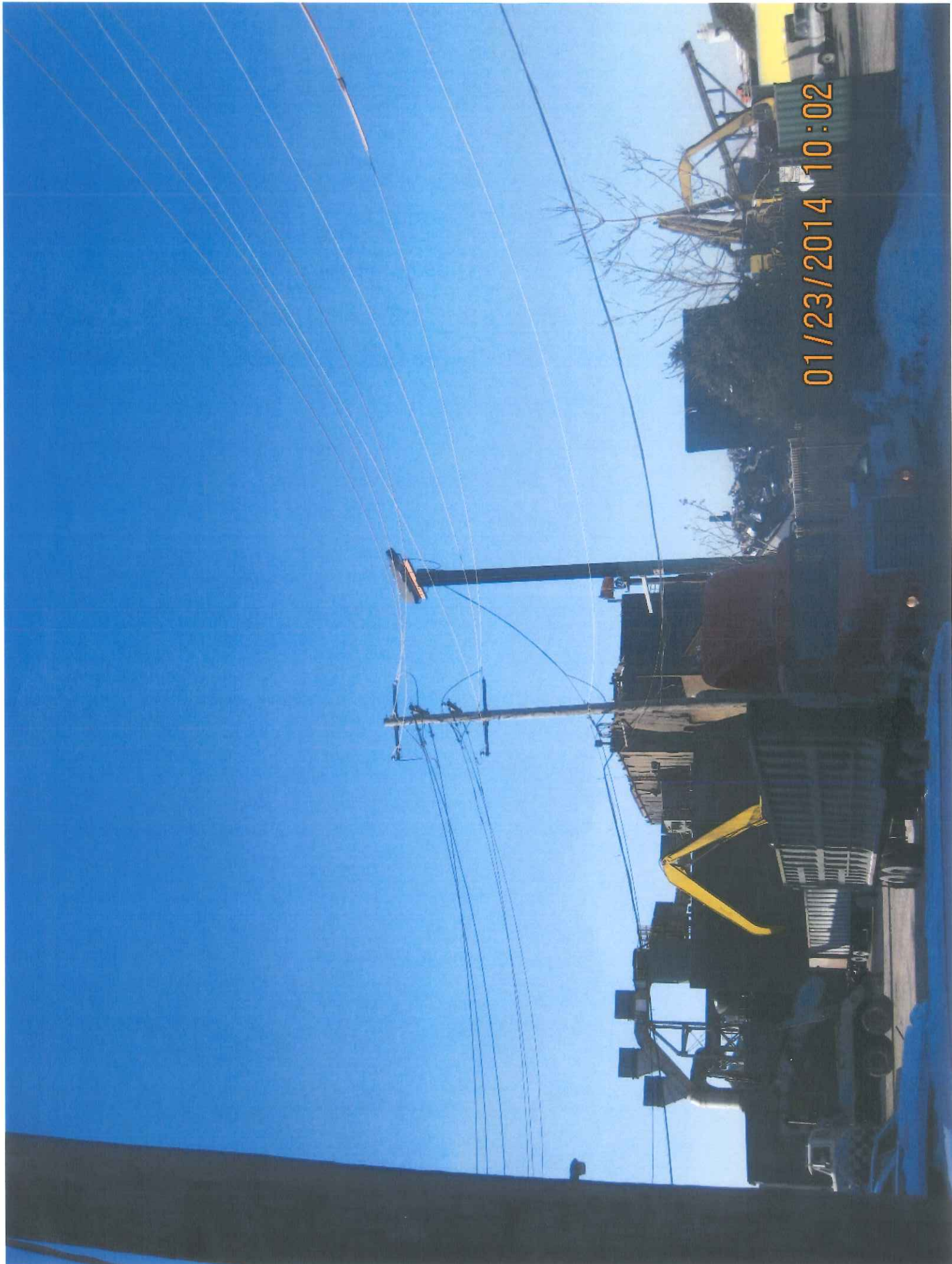
Observation Date 3/25/14		Time Zone CST		Start Time 12:34 PM	End Time 1:04 PM
Sec	0	15	30	45	Comments
Min					
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26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print) Jim Kallas	
Observer's Signature 	Date 3/25/14
Organization General Iron Industries, Inc.	
Certified By Whitlow Enterprises LLC	Date 3/5/14

Visible Emission Observations

<u>Date</u>	<u>Start Time</u>	<u>End Time</u>	<u>Estimated Process Rate</u>
1/23/14	10:53 a.m.	11:23 a.m.	319 tons per hour
2/19/14	10:24 a.m.	10:54 a.m.	377 tons per hour
3/25/14	12:34 p.m.	1:04 p.m.	332 tons per hour

Attachment B





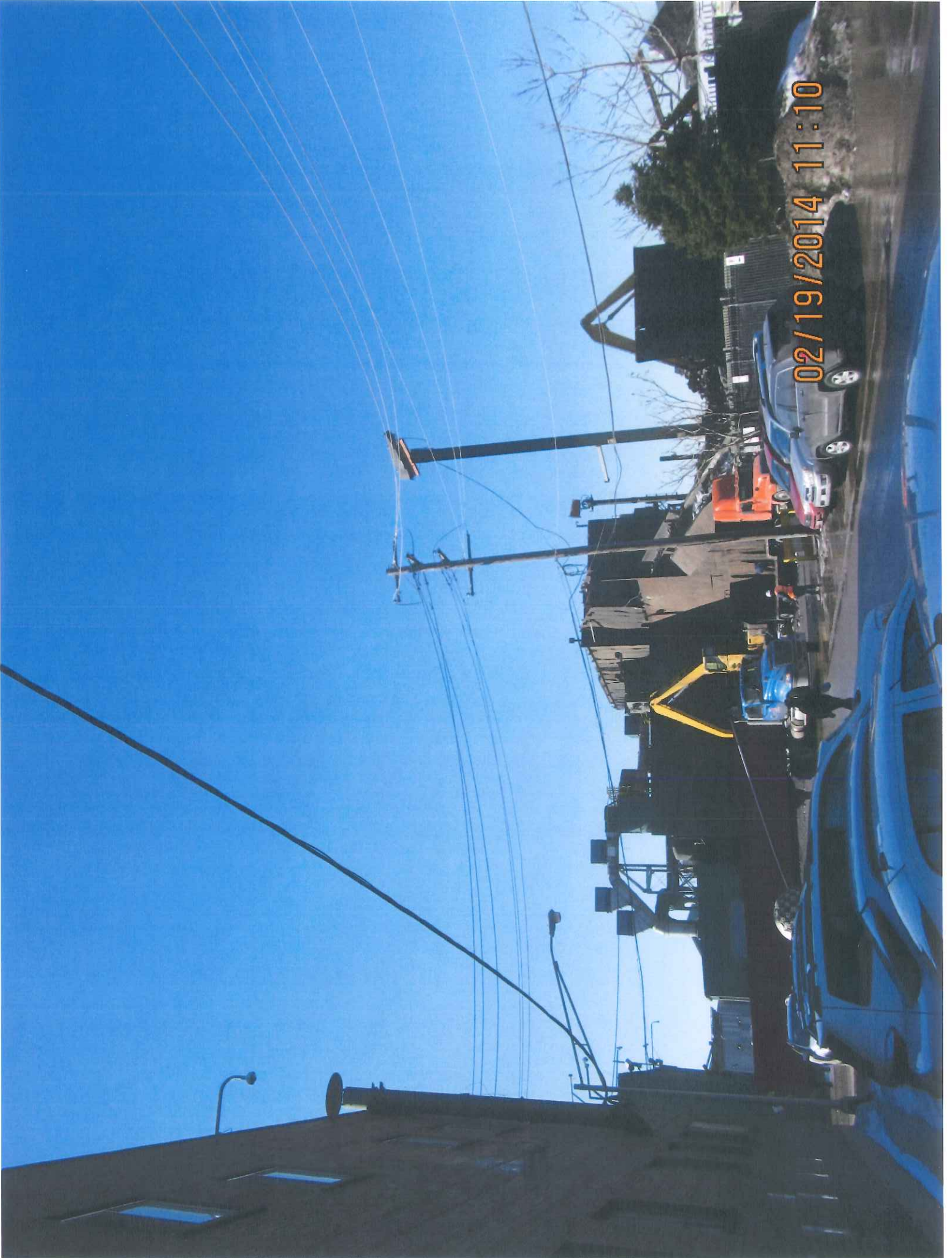
01/23/2014 10:08



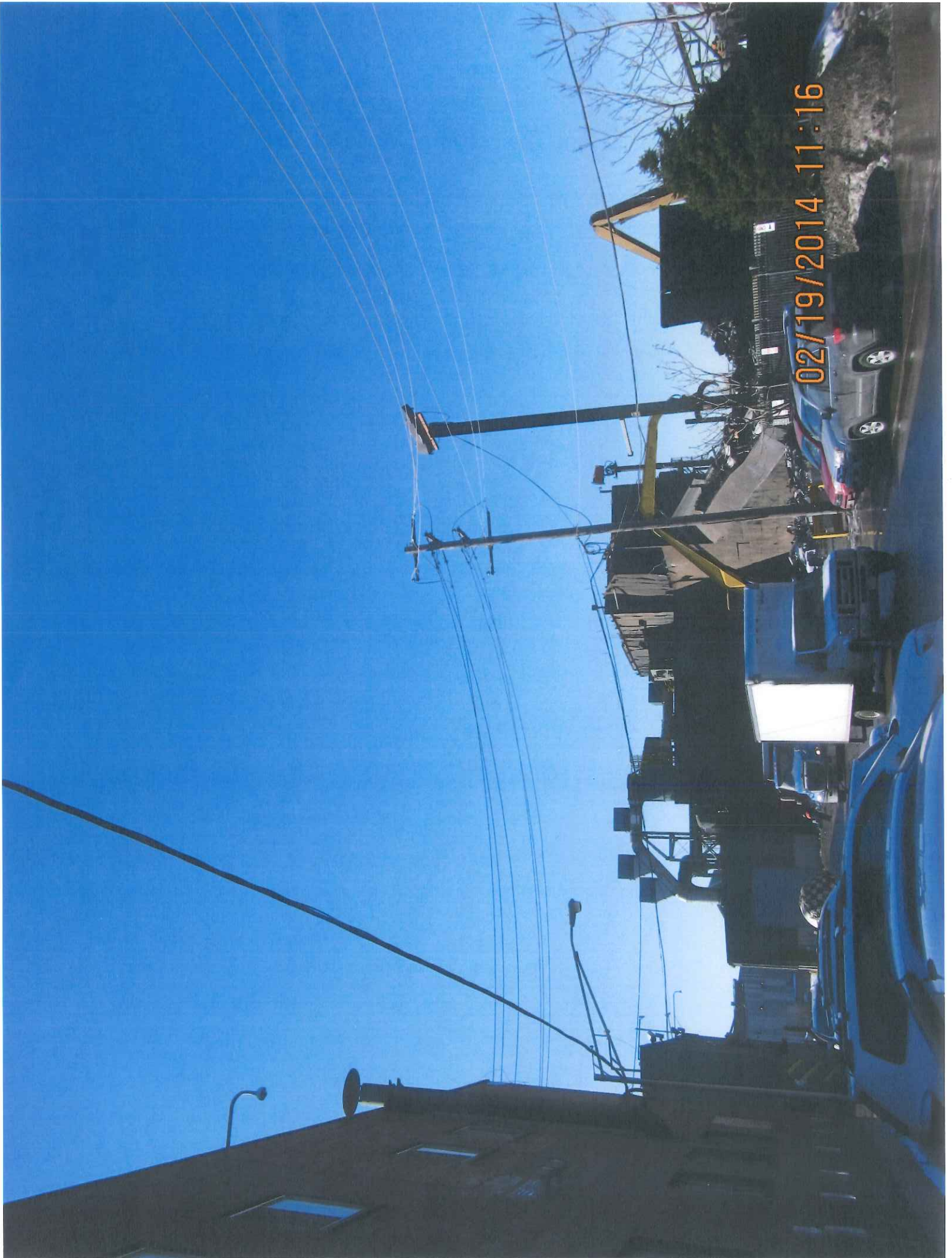




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02/19/2014 11:10

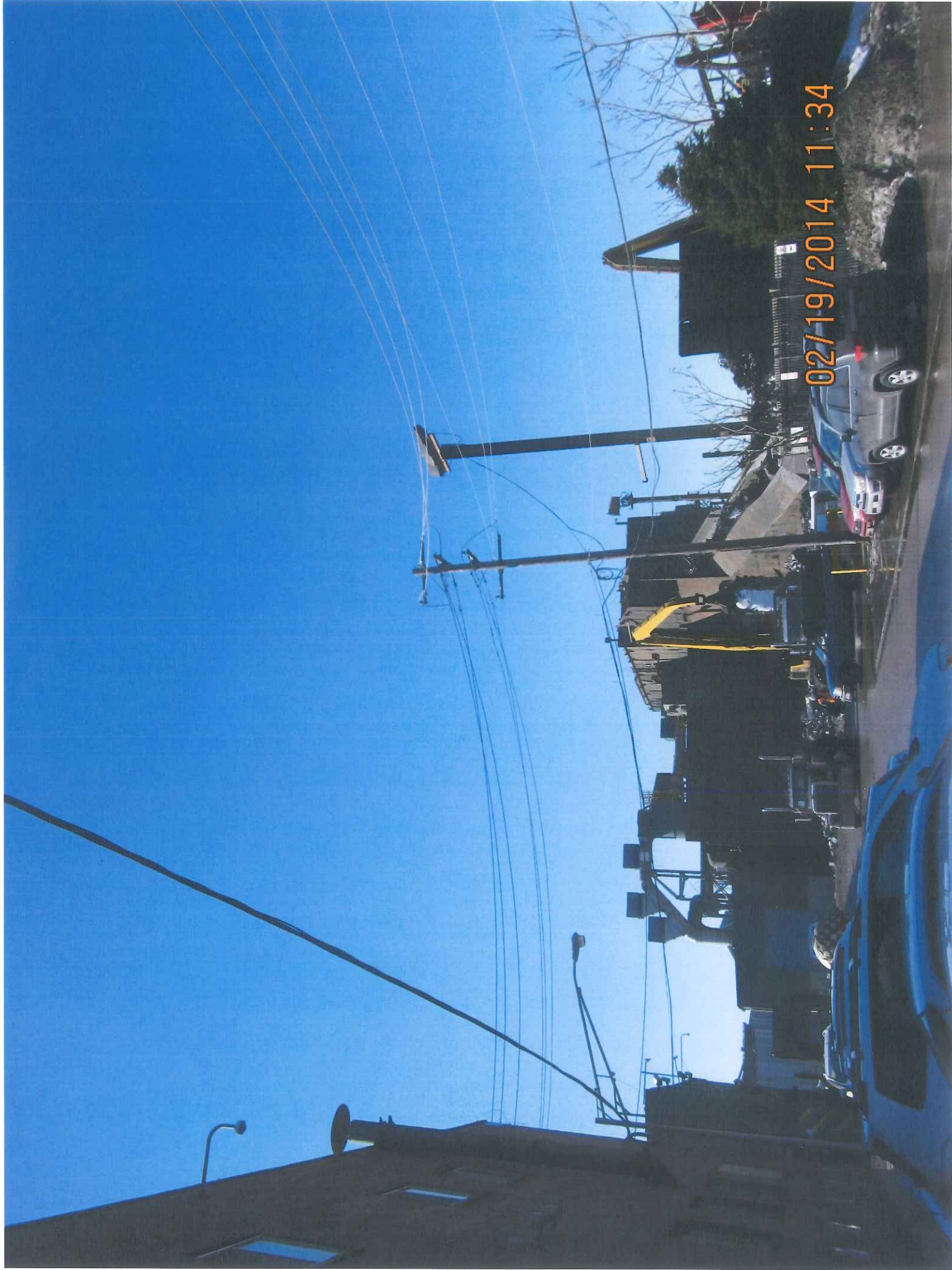


02/19/2014 11:16

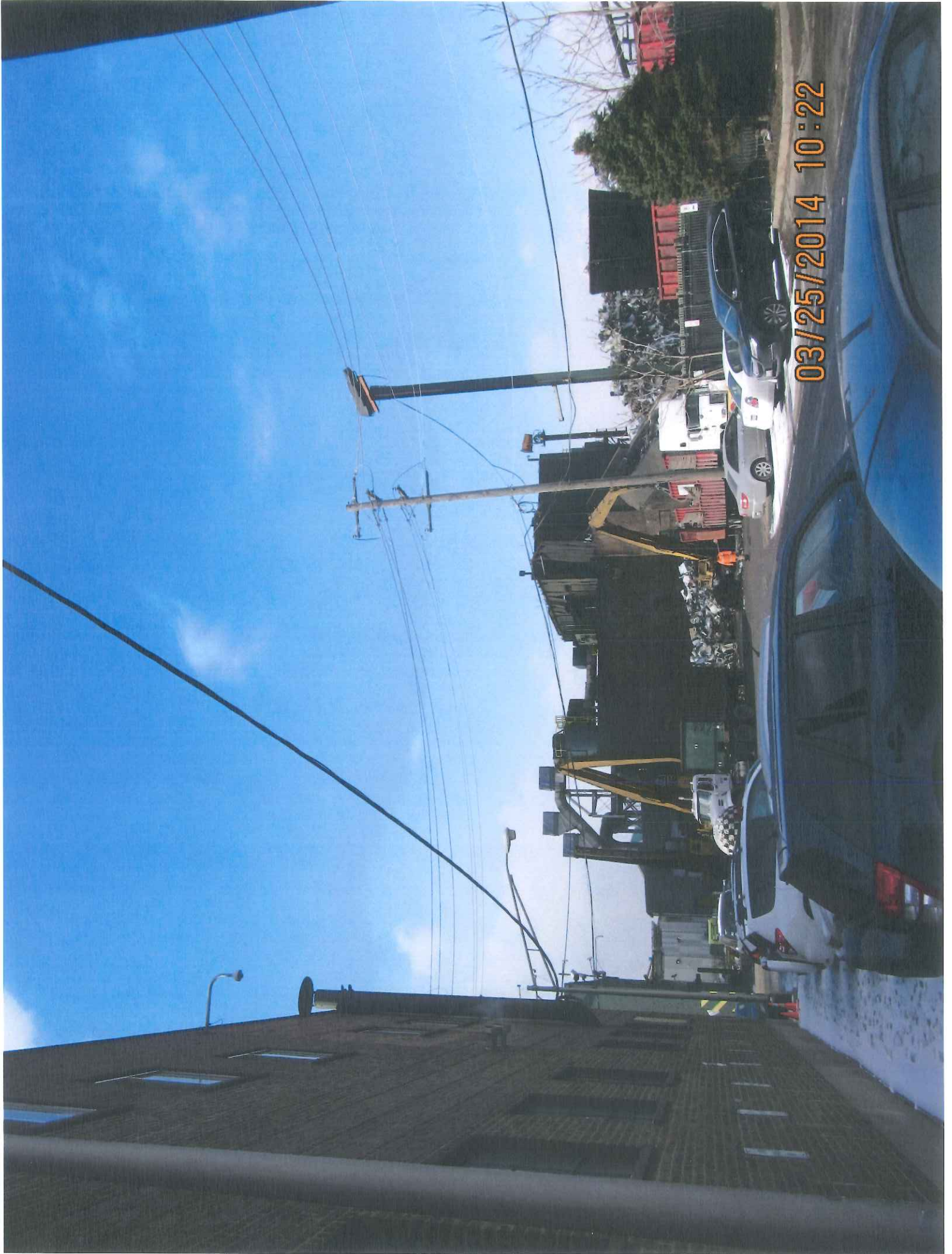




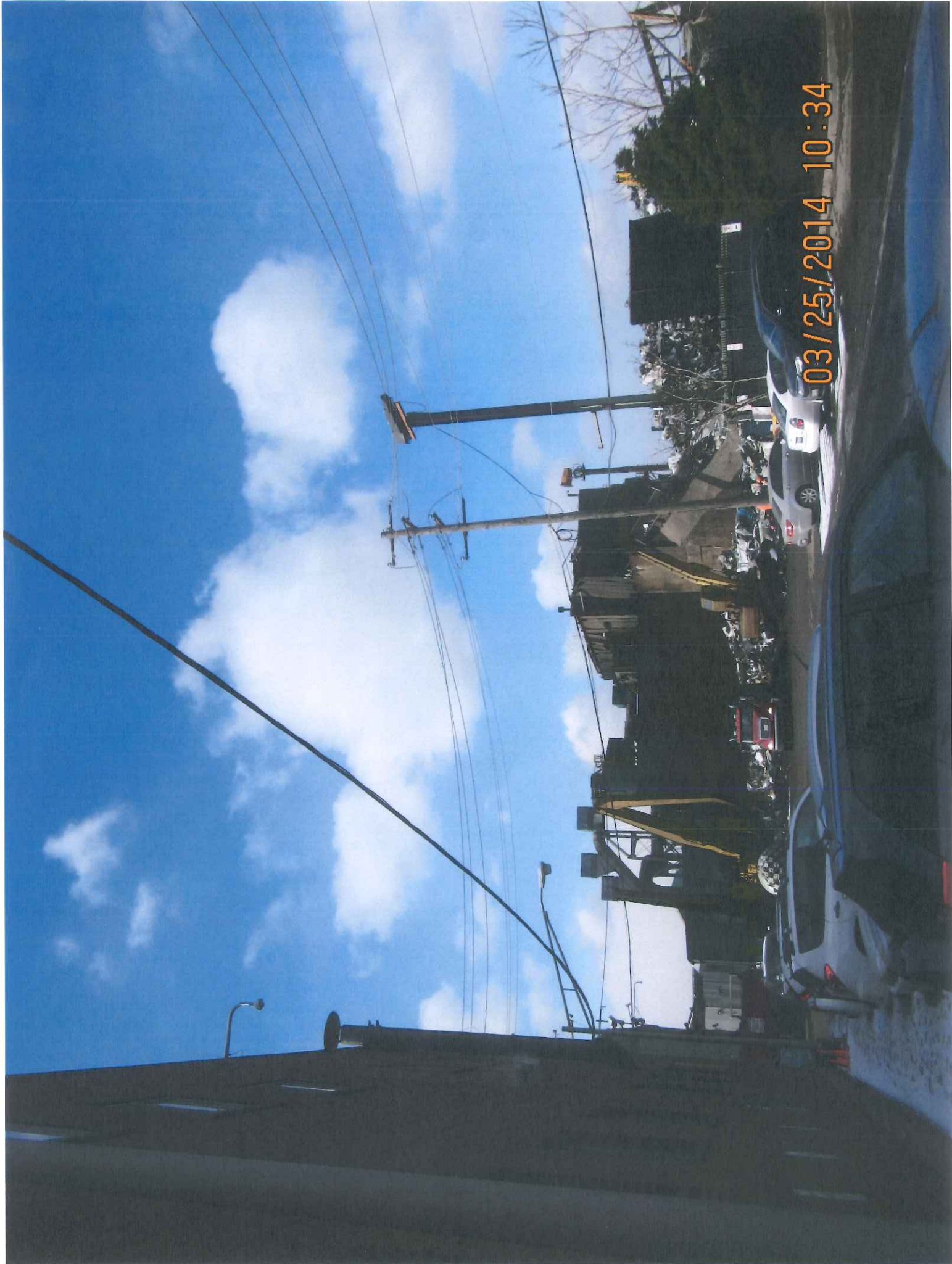
02/19/2014 11:28



02/19/2014 11:34



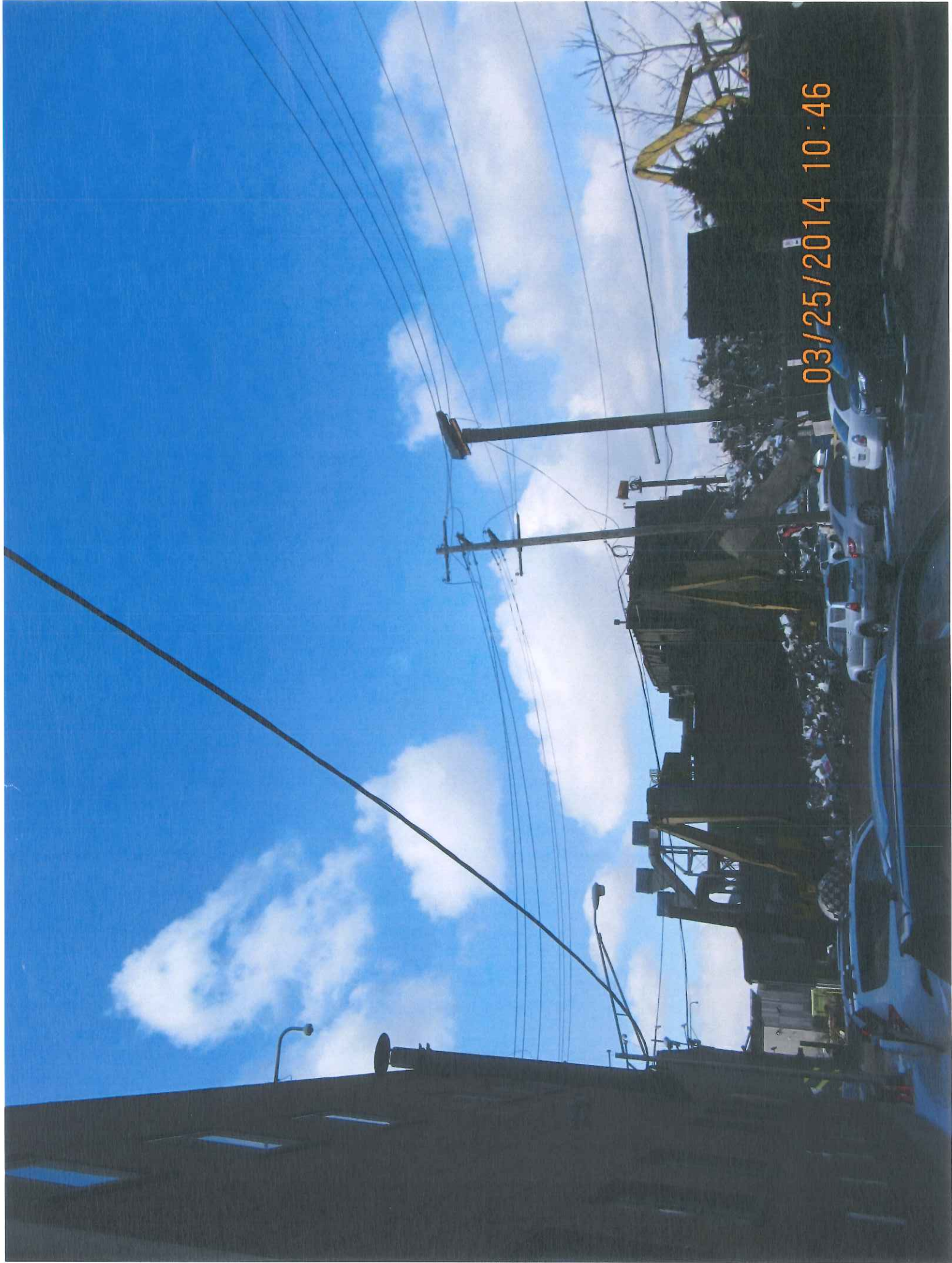




03/25/2014 10:34



03/25/2014 10:46



Fugitive Particulate Matter Emission Observations

<u>Date</u>	<u>Start Time</u>	<u>End Time</u>	<u>Estimated Process Rate</u>
1/23/14	10:00 a.m.	10:30 a.m.	369 tons per hour
2/19/14	11:08 a.m.	11:38 a.m.	340 tons per hour
3/25/14	10:19 a.m.	10:49 a.m.	382 tons per hour